

FIG 1A.

KTCYEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGL
GKHNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGK

FIG 1B.

SNELHQVPSNCDCNGGTCVSNKYFSNIHWNCNCPKKFGGQHCEIDKS
KTC

YEONGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPPEELKFQ
CGQKTLRPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTYVCGGSLISPCWV
ISATHCFIDYPKKEDYIVYLGRSRLNSNTQGEMKFEVENLILHKDYSADTL
AHHNDIALLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFGTSCEITGFGKENS
TDLYPEQLKMTVVKLISHRECQQPHYYGSEVTTKMLCAADPQWKT
DSC QGDSGGPLVCSLQGRMLTGIVSWGRGCALKDKPGVYTRVSHFLPWIRSH
TKEENGLAL

FIG 1D.

SNELHQVPSNCDCNGGTCVSNKYFSNIHWNCNCPKKFGGQHCEIDKS
KTC
YEONGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGK

FIG 1E.

KPSSPPEELKFQCGQKTLRPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTY
VCGGSLISPCWV
ISATHCFIDYPKKEDYIVYLGRSRLNSNTQGEMKFEVEN
LILHKDYSADTL
AHHNDIALLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFG
TSCEITGFGKEN
STDLYPEQLKMTVVKLISHRECQQPHYYGSEVTTKMLC
AADPQWKT
DSC QGDSGGPLVCSLQGRMLTGIVSWGRGCALKDKPGVY
TRVSHFLPWIRSH
TKEENGLAL

FIG 1F.

SNELHQVPSNCDCNGGTCVSNKYFSNIHWNCNCPKKFGGQHCEIDKSKTC
YEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDRRRPWCYVQVGLKPLVQECMVHDCADGK/LKFQCGQKTL
RPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTYVCGGSLISPCWVISATHCF
IDYPKKEDYIVYLGRSRLNSNTQGEMKFEVENLILHKDYSADTLAHHNDIA
LLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFGTSCEITGFGKENSTDLYPE
QLKMTVVKLISHRECQQPHYYGSEVTTKMLCAADPQWKTDSCQGDSGGP
LVCSLQGRMRTLGTIVSWGRGCALKDKPGVYTRVSHFLPWIRSHTKEENGL
AL

FIG 1G.

SNELHQVPSNCDCNGGTCVSNKYFSNIHWNCNCPKKFGGQHCEIDKS//KPS
SPPEELKFQCGQKTLRPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTYVCG
GSLISPCWVISATHCFIDYPKKEDYIVYLGRSRLNSNTQGEMKFEVENLILH
KDYSADTLAHHNDIALLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFGTSCE
ITGFGKENSTDLYPEQLKMTVVKLISHRECQQPHYYGSEVTTKMLCAAD
PQWKTDSCQGDSGGPLVCSLQGRMRTLGTIVSWGRGCALKDKPGVYTRVS
HFLPWIRSHTKEENGLAL

FIG 1H.

SNELHQVPSNCDCNGGTCVSNKYFSNIHWNCNCPKKFGGQHCEIDKSKTC
YEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPSEE

FIG 1I.

KTCYEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGL
GKHNYCRNPDRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPSEE

FIG 1J.

aaaacctgctatgagggaaatggtcactttaccgagaaaggccagcactgaca
ccatggccggccctgcctgcctggaaactctgccactgtccttcagcaaacgta
ccatgcccacagatctgatgcttcagctggcctggggaaacataattactgc
aggaacccagacaaccggaggcgaccctggtgctatgtcaggtggcctaaagc
cgcttgcataagagtgcattgtgcactgcgcagatggaaaa

FIG 1K.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
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catgactttgactggaattgtgagctggggccgtggatgtgcctgaaggacaag
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FIG 1L.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
gtgtgtccaacaagtacttctccaacattcactggtgcactgcccuaagaaatt
cgagggcagcactgtgaaatagataagtcaaaaacctgctatggggaaatgg
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FIG 1M.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
gtgtgtccaaacaagaacttctccaaacattcactggtcaactgccccaaagaaaatt
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FIG 1N.

aagccctcctctccagaagaattaaaattcagtgtggccaaagactctga
ggccccgcttaagattattgggggagaattcaccaccatcgagaaccagccctg
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FIG 10.

agcaatgaacttcatcaagttccatcgaaactgtgactgtctaaatggaggaacat
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cactttaccgagggaaaggccagcactgacaccatggccggccctgcctgccct
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ga

FIG 1P.

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FIG 1Q.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
gtgtgtccaacaagaacttctccaacattcactggtgcaactgcccggaaatt
cgaggggcagcactgtgaaatagataagtcaaaaacctgctatgaggggaatggt
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FIG 1R.

aaaacctgctatgagggaaatggtactttaccgagggaaaggccagcactgaca
ccatggccggccctgcctgcctggactctgcactgtccttcagcaaacgt
ccatgcccacagatctgatgcttcagctggcctggggaaacataattactgc
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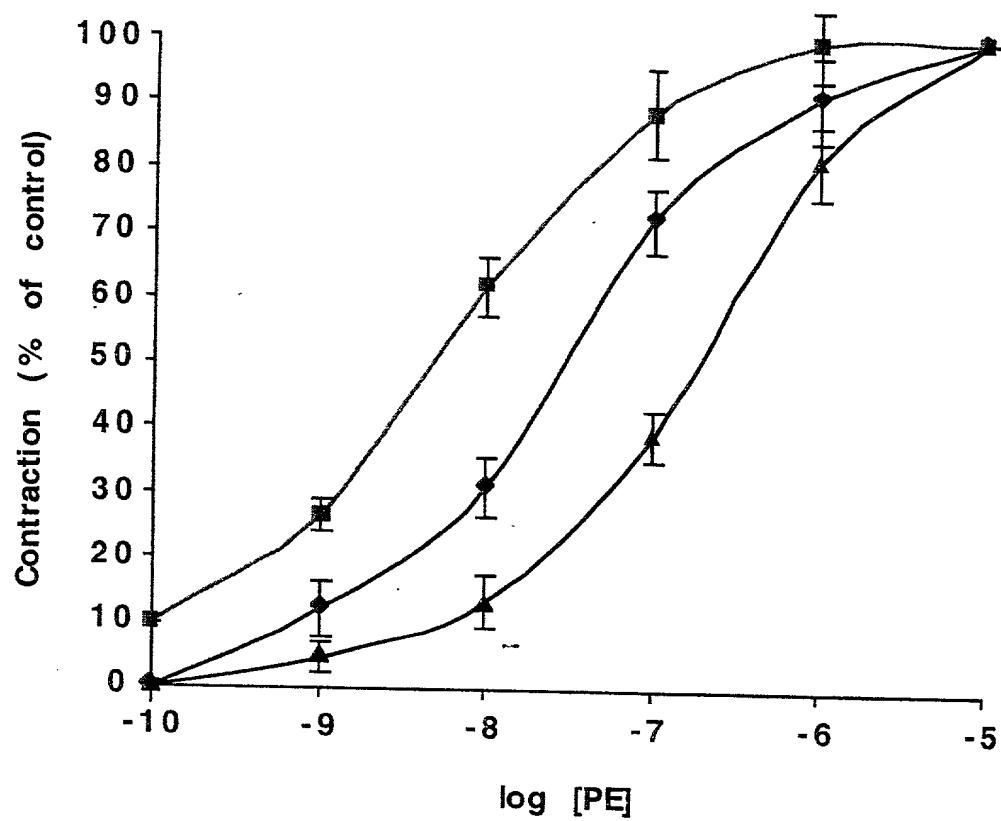


FIGURE 2

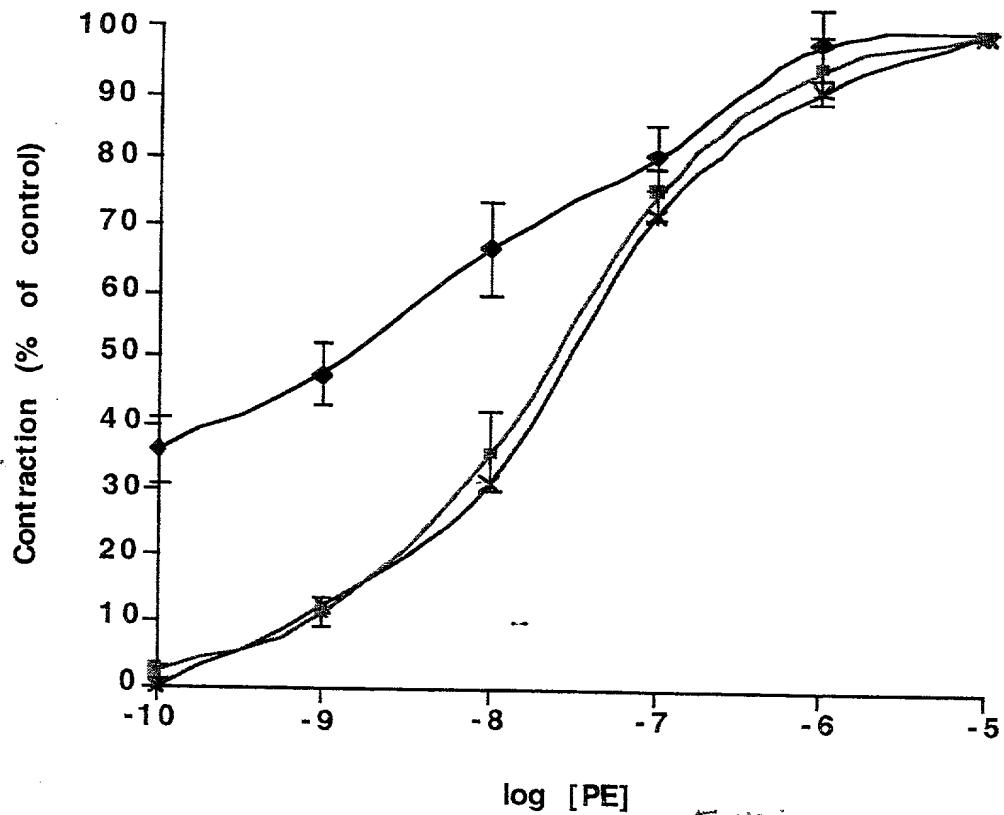


FIGURE 3

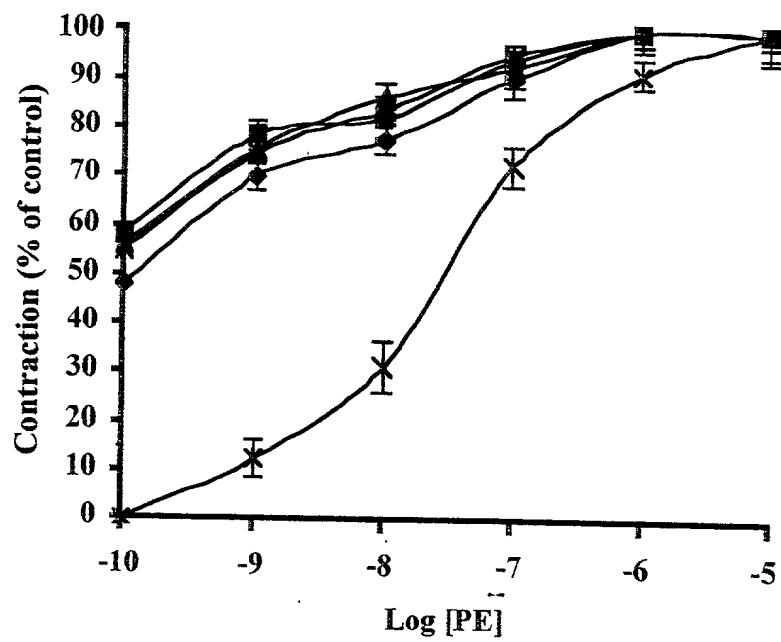


FIGURE 4

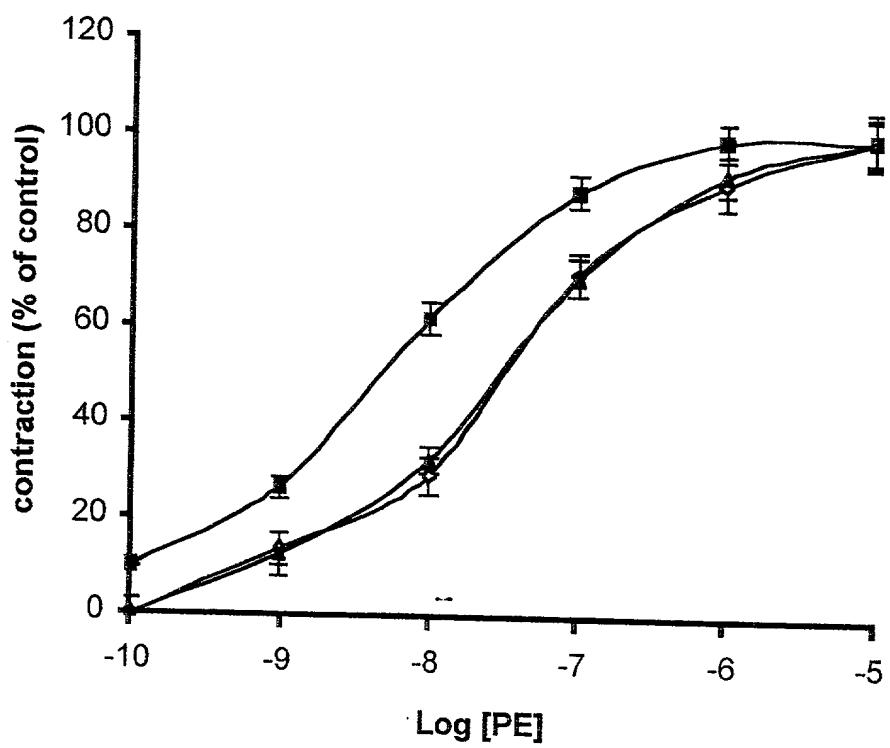


FIGURE 5A

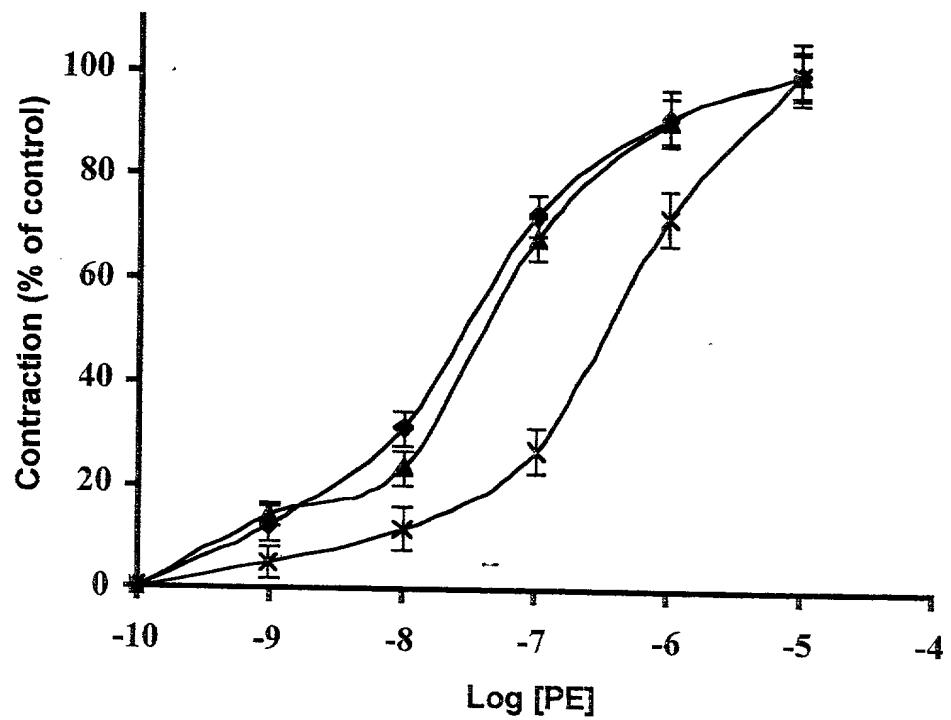
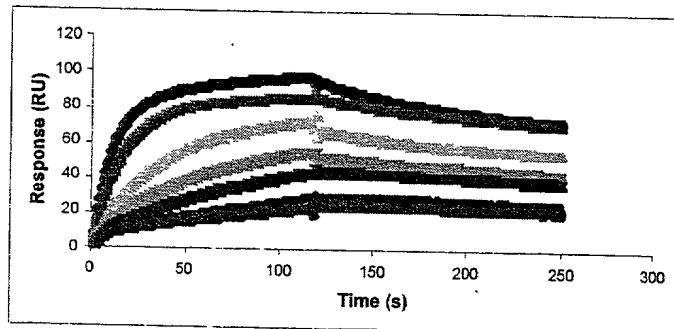
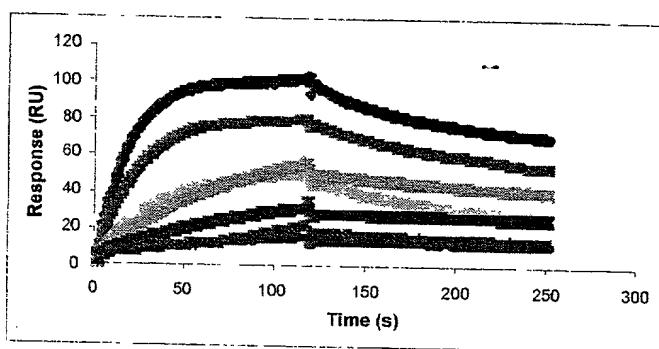


FIGURE 5B

A



B



C

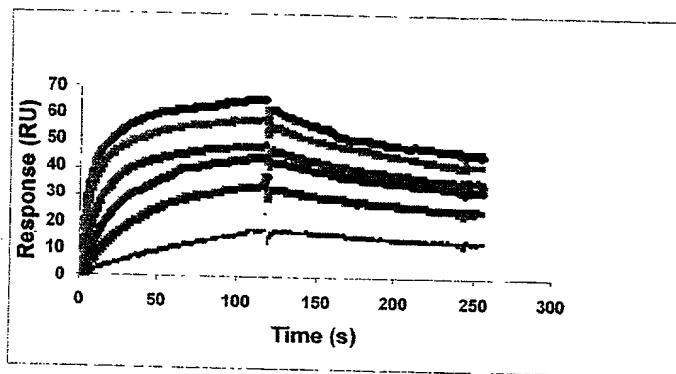


FIGURE 6

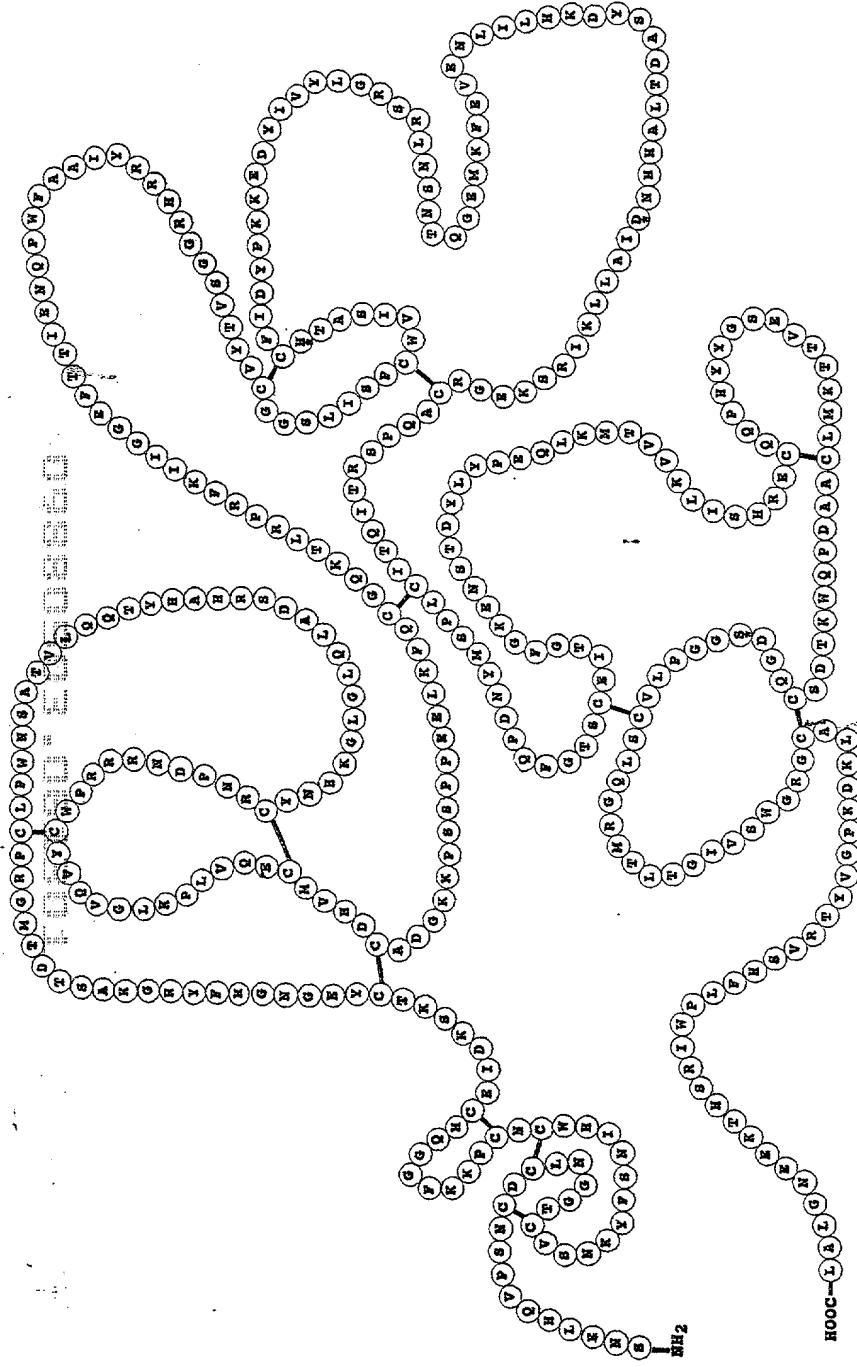


FIGURE 7

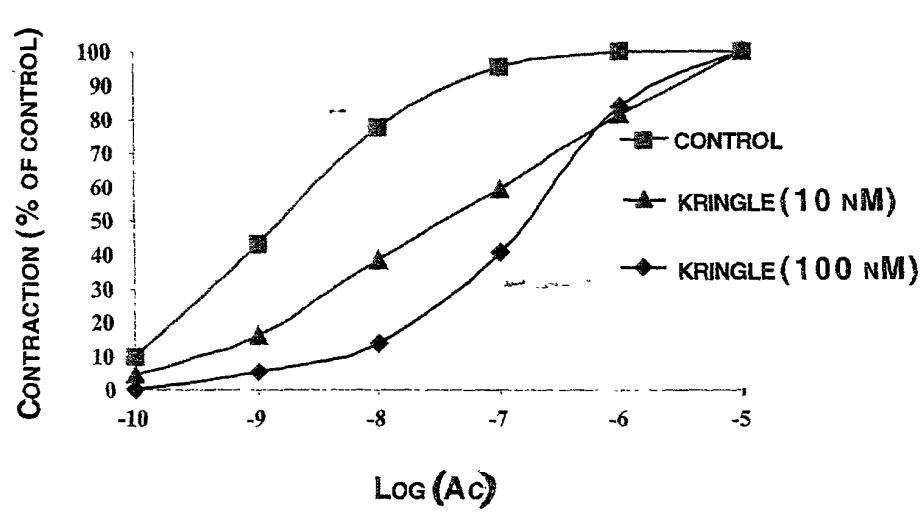


FIGURE 8